

Jon C. Svendsen

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,706
citations

257450

24
h-index

330143

37
g-index

61
all docs

61
docs citations

61
times ranked

1882
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Using acoustic telemetry to locate flatfish spawning areas: Estuarine migrations of turbot <i>Scophthalmus maximus</i> and European flounder <i>Platichthys flesus</i> . <i>Journal of Sea Research</i> , 2022, 183, 102187. | 1.6 | 3 |
| 2 | Environmental DNA reveals fine-scale habitat associations for sedentary and resident marine species across a coastal mosaic of soft and hard bottom habitats. <i>Environmental DNA</i> , 2022, 4, 954-971. | 5.8 | 3 |
| 3 | Selective effects of small barriers on river-resident fish. <i>Journal of Applied Ecology</i> , 2021, 58, 1487-1498. | 4.0 | 33 |
| 4 | Restoring marine ecosystems: Spatial reef configuration triggers taxon-specific responses among early colonizers. <i>Journal of Applied Ecology</i> , 2021, 58, 2936-2950. | 4.0 | 1 |
| 5 | Development and testing of fish-retention devices for pots: transparent triggers significantly increase catch efficiency for Atlantic cod (<i>Gadus morhua</i>). <i>ICES Journal of Marine Science</i> , 2021, 78, 199-219. | 2.5 | 3 |
| 6 | Fish Assemblages in Seagrass (<i>Zostera marina</i> L.) Meadows and Mussel Reefs (<i>Mytilus edulis</i>): Implications for Coastal Fisheries, Restoration and Marine Spatial Planning. <i>Water (Switzerland)</i> , 2021, 13, 3268. | 2.7 | 2 |
| 7 | Using Artificial-Reef Knowledge to Enhance the Ecological Function of Offshore Wind Turbine Foundations: Implications for Fish Abundance and Diversity. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 332. | 2.6 | 38 |
| 8 | Effects of Water Acidification on Senegalese Sole <i>Solea senegalensis</i> Health Status and Metabolic Rate: Implications for Immune Responses and Energy Use. <i>Frontiers in Physiology</i> , 2020, 11, 26. | 2.8 | 16 |
| 9 | One size does not fit all: inter- and intraspecific variation in the swimming performance of contrasting freshwater fish. , 2020, 8, coaa126. | | 13 |
| 10 | Excess postexercise oxygen consumption decreases with swimming duration in a labriform fish: Integrating aerobic and anaerobic metabolism across time. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2019, 331, 577-586. | 1.9 | 3 |
| 11 | Hypoxia but not shy-bold phenotype mediates thermal preferences in a threatened freshwater fish, <i>Notropis percobromus</i> . <i>Journal of Thermal Biology</i> , 2019, 84, 479-487. | 2.5 | 8 |
| 12 | Using acoustic telemetry and snorkel surveys to study diel activity and seasonal migration of round goby (<i>Neogobius melanostomus</i>) in an estuary of the Western Baltic Sea. <i>Fisheries Management and Ecology</i> , 2019, 26, 172-182. | 2.0 | 21 |
| 13 | Environmental calcium and variation in yolk sac size influence swimming performance in larval lake sturgeon (<i>Acipenser fulvescens</i>). <i>Journal of Experimental Biology</i> , 2018, 221, . | 1.7 | 5 |
| 14 | Evidence of cormorant-induced mortality, disparate migration strategies and repeatable circadian rhythm in the endangered North Sea houting (<i>Coregonus oxyrinchus</i>): A telemetry study mapping the postspawning migration. <i>Ecology of Freshwater Fish</i> , 2018, 27, 672-685. | 1.4 | 5 |
| 15 | Benthic habitat selection in juvenile European eel <i>Anguilla anguilla</i> : implications for coastal habitat management and restoration. <i>Journal of Fish Biology</i> , 2018, 93, 996-999. | 1.6 | 16 |
| 16 | Environmental benefits of leaving offshore infrastructure in the ocean. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, 571-578. | 4.0 | 93 |
| 17 | Save a North Sea fish from becoming museum piece. <i>Nature</i> , 2018, 556, 174-174. | 27.8 | 2 |
| 18 | Effects of low oxygen conditions on embryo growth in the painted turtle, <i>Chrysemys picta</i> . <i>Integrative Zoology</i> , 2017, 12, 148-156. | 2.6 | 12 |

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|----|--|-----|-----------|
| 19 | Movement patterns of seaward migrating European eel (<i>Anguilla anguilla</i>) at a complex of riverine barriers: implications for conservation. <i>Ecology of Freshwater Fish</i> , 2017, 26, 87-98. | 1.4 | 24 |
| 20 | Restoration of a boulder reef in temperate waters: Strategy, methodology and lessons learnt. <i>Ecological Engineering</i> , 2017, 102, 468-482. | 3.6 | 15 |
| 21 | Effect of nanosilver on metabolism in rainbow trout (<i>Oncorhynchus mykiss</i>): An investigation using different respirometric approaches. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2722-2729. | 4.3 | 7 |
| 22 | Effects of dietary <i>Gracilaria</i> sp. and <i>Alaria</i> sp. supplementation on growth performance, metabolic rates and health in meagre (<i>Argyrosomus regius</i>) subjected to pathogen infection. <i>Journal of Applied Phycology</i> , 2017, 29, 433-447. | 2.8 | 32 |
| 23 | Partitioning the metabolic scope: the importance of anaerobic metabolism and implications for the oxygen- and capacity-limited thermal tolerance (OCLTT) hypothesis. , 2016, 4, cow019. | | 22 |
| 24 | Phenotypic variation in metabolism and morphology correlating with animal swimming activity in the wild: relevance for the OCLTT (oxygen- and capacity-limitation of thermal tolerance), allocation and performance models. , 2016, 4, cov055. | | 32 |
| 25 | Phenotypic differences between the sexes in the sexually plastic mangrove rivulus fish (<i>Kryptolebias marmoratus</i>). <i>Journal of Experimental Biology</i> , 2016, 219, 988-997. | 1.7 | 14 |
| 26 | Conservation physiology of marine fishes: state of the art and prospects for policy. , 2016, 4, cow046. | | 89 |
| 27 | Linking reproduction, locomotion, and habitat use in the Trinidadian guppy (<i>Poecilia reticulata</i>). <i>Oecologia</i> , 2016, 181, 87-96. | 2.0 | 20 |
| 28 | Measuring maximum and standard metabolic rates using intermittent-flow respirometry: a student laboratory investigation of aerobic metabolic scope and environmental hypoxia in aquatic breathers. <i>Journal of Fish Biology</i> , 2016, 88, 265-283. | 1.6 | 76 |
| 29 | Progressive hypoxia decouples activity and aerobic performance of skate embryos. , 2016, 4, cov067. | | 16 |
| 30 | Diets supplemented with seaweed affect metabolic rate, innate immune, and antioxidant responses, but not individual growth rate in European seabass (<i>Dicentrarchus labrax</i>). <i>Journal of Applied Phycology</i> , 2016, 28, 2061-2071. | 2.8 | 54 |
| 31 | Geospatial modeling of the Birch River: Distribution of Carmine Shiner (<i>Notropis percobromus</i>) in Geomorphic Response Units (GRU). <i>International Review of Hydrobiology</i> , 2015, 100, 129-140. | 0.9 | 9 |
| 32 | Effects of temperature on specific dynamic action in Atlantic cod <i>Gadus morhua</i> . <i>Fish Physiology and Biochemistry</i> , 2015, 41, 41-50. | 2.3 | 39 |
| 33 | Intraspecific variation in aerobic and anaerobic locomotion: gilthead sea bream (<i>Sparus aurata</i>) and Trinidadian guppy (<i>Poecilia reticulata</i>) do not exhibit a trade-off between maximum sustained swimming speed and minimum cost of transport. <i>Frontiers in Physiology</i> , 2015, 6, 43. | 2.8 | 27 |
| 34 | Performance Assessment of Two Whole-Lake Acoustic Positional Telemetry Systems - Is Reality Mining of Free-Ranging Aquatic Animals Technologically Possible?. <i>PLoS ONE</i> , 2015, 10, e0126534. | 2.5 | 44 |
| 35 | Evidence of Circadian Rhythm, Oxygen Regulation Capacity, Metabolic Repeatability and Positive Correlations between Forced and Spontaneous Maximal Metabolic Rates in Lake Sturgeon <i>Acipenser fulvescens</i> . <i>PLoS ONE</i> , 2014, 9, e94693. | 2.5 | 52 |
| 36 | The Physiological Basis of the Migration Continuum in Brown Trout (<i>Salmo trutta</i>). <i>Physiological and Biochemical Zoology</i> , 2014, 87, 334-345. | 1.5 | 59 |

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|----|--|-----|-----------|
| 37 | Muddied waters: suspended sediment impacts on gill structure and aerobic scope in an endangered native and an invasive freshwater crayfish. <i>Hydrobiologia</i> , 2014, 722, 61-74. | 2.0 | 34 |
| 38 | Effects of intraspecific variation in reproductive traits, pectoral fin use and burst swimming on metabolic rates and swimming performance: a study on the Trinidadian guppy (<i>Poecilia reticulata</i>). <i>Tj ETQq0 0 0 rgBT7/Overload 10 Tf 50</i> | | |
| 39 | Excess post-hypoxic oxygen consumption is independent from lactate accumulation in two cyprinid fishes. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013, 165, 54-60. | 1.8 | 53 |
| 40 | Effects of angling and manual handling on pike behaviour investigated by high-resolution positional telemetry. <i>Fisheries Management and Ecology</i> , 2013, 20, 518-525. | 2.0 | 21 |
| 41 | Local Adaptation to Altitude Underlies Divergent Thermal Physiology in Tropical Killifishes of the Genus <i>Aphyosemion</i> . <i>PLoS ONE</i> , 2013, 8, e54345. | 2.5 | 29 |
| 42 | Ontogenetic differentiation of swimming performance and behaviour in relation to habitat availability in the endangered North Sea houting (<i>Coregonus oxyrinchus</i>). <i>Aquatic Living Resources</i> , 2012, 25, 241-249. | 1.2 | 14 |
| 43 | Excess posthypoxic oxygen consumption in rainbow trout (<i>Oncorhynchus mykiss</i>): recovery in normoxia and hypoxia. <i>Canadian Journal of Zoology</i> , 2012, 90, 1-11. | 1.0 | 70 |
| 44 | Seasonal and diel effects on the activity of northern pike studied by high-resolution positional telemetry. <i>Ecology of Freshwater Fish</i> , 2012, 21, 386-394. | 1.4 | 42 |
| 45 | Behaviour of rainbow trout <i>Oncorhynchus mykiss</i> presented with a choice of normoxia and stepwise progressive hypoxia. <i>Journal of Fish Biology</i> , 2011, 79, 969-979. | 1.6 | 34 |
| 46 | Linking individual behaviour and migration success in <i>Salmo salar</i> smolts approaching a water withdrawal site: implications for management. <i>Aquatic Living Resources</i> , 2011, 24, 201-209. | 1.2 | 24 |
| 47 | Effects of a surface oriented travelling screen and water abstraction practices on downstream migrating salmonidae smolts in a lowland stream. <i>River Research and Applications</i> , 2010, 26, 353-361. | 1.7 | 4 |
| 48 | Effects of food deprivation on refuge use and dispersal in juvenile North Sea houting <i>Coregonus oxyrinchus</i> under experimental conditions. <i>Journal of Fish Biology</i> , 2010, 77, 1702-1708. | 1.6 | 19 |
| 49 | Partition of aerobic and anaerobic swimming costs related to gait transitions in a labriform swimmer. <i>Journal of Experimental Biology</i> , 2010, 213, 2177-2183. | 1.7 | 80 |
| 50 | Survival and progression rates of large European silver eel <i>Anguilla anguilla</i> in late freshwater and early marine phases. <i>Aquatic Biology</i> , 2010, 9, 263-270. | 1.4 | 46 |
| 51 | Behavioural alarm and avoidance responses to copper in rainbow trout (<i>Oncorhynchus mykiss</i>): The effect of calcium. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 153, S103. | 1.8 | 0 |
| 52 | Pectoral fin beat frequency predicts oxygen consumption during spontaneous activity in a labriform swimming fish (<i>Embiotoca lateralis</i>). <i>Environmental Biology of Fishes</i> , 2009, 84, 121-127. | 1.0 | 20 |
| 53 | The volitional travel speed varies with reproductive state in mature female brown trout <i>Salmo trutta</i> . <i>Journal of Fish Biology</i> , 2009, 75, 901-907. | 1.6 | 7 |
| 54 | Organochlorine Fingerprinting to Determine Foraging Areas of Sea-Ranched Atlantic Salmon: A Case Study from Denmark. <i>North American Journal of Fisheries Management</i> , 2009, 29, 598-603. | 1.0 | 5 |

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|----|--|-----|-----------|
| 55 | Survival and behaviour of European silver eel in late freshwater and early marine phase during spring migration. <i>Fisheries Management and Ecology</i> , 2008, 15, 435-440. | 2.0 | 54 |
| 56 | Evidence for non-random spatial positioning of migrating smolts (Salmonidae) in a small lowland stream. <i>Freshwater Biology</i> , 2007, 52, 1147-1158. | 2.4 | 37 |
| 57 | A Novel Acoustic Dissolved Oxygen Transmitter for Fish Telemetry. <i>Marine Technology Society Journal</i> , 2006, 40, 103-108. | 0.4 | 12 |
| 58 | The angle of attack of the body of common bream while swimming at different speeds in a flume tank. <i>Journal of Fish Biology</i> , 2005, 66, 572-577. | 1.6 | 8 |
| 59 | Factors influencing the spawning migration of female anadromous brown trout. <i>Journal of Fish Biology</i> , 2004, 64, 528-540. | 1.6 | 44 |
| 60 | Intra-school positional preference and reduced tail beat frequency in trailing positions in schooling roach under experimental conditions. <i>Journal of Fish Biology</i> , 2003, 62, 834-846. | 1.6 | 112 |